



Docket No. PET-1913

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF: Gerard HOTIER et al.

GAU: 1724

SERIAL NO: 09/762,580

EXAMINER: Ivars C. Cintins

FILING DATE: February 9, 2001

FOR: SYSTEM FOR INJECTING A DIVERSIFIED FLUID IN A SMALL SIMULATED MOVING BED SEPARATION PROCESS

## AMENDMENT TRANSMITTAL

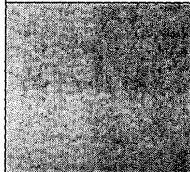
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an amendment in the above-identified application.

- ☐ No additional fee is required.
- ☐ Applicant(s) is/are entitled to small entity status.
- ☒ Additional documents filed herewith:

The fee has been calculated below:

CLAIMS	CLAIMS REMAINING		HIGHEST NO. PREVIOUSLY PAID FOR	NO. OF EXTRA CLAIMS	RATE		CALCULATIONS
TOTAL	23	MINUS	21	2	x	\$18 =	\$36.00
INDEPENDENT	1	MINUS	3	0	x	\$84 =	\$0.00
	<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS						
	TOTAL OF ABOVE CALCULATIONS						\$36.00
	<input type="checkbox"/>						
	<input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY						\$0.00
	<input type="checkbox"/> RECORDATION OF ASSIGNMENT						\$0.00
TOTAL							\$36.00

- ☒ A check in the amount of \$36.00 is attached.
- ☒ Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.
- ☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. § 1.136, and any additional fees required under 37 C.F.R. § 1.36 for any necessary extension of time may be charged to Deposit Account No. 13-3402. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

William Millieu, Registration No. 19,544  
Attorney/Agent for ApplicantsMILLEN, WHITE, ZELANO  
& BRANIGAN, P.C.  
Arlington Courthouse Plaza 1  
2200 Clarendon Blvd. Suite 1400  
Arlington, Virginia 22201  
Telephone: (703) 243-6333  
Facsimile: (703) 243-6410  
Date: September 9, 2002

I hereby certify that this correspondence is being deposited  
with the U.S. Postal Services as First Class Mail in an envelope  
addressed To: Commissioner of Patents and Trademarks,  
Washington, D.C. 20231 On: 9/9/02  
Name: J. W. M. MILLER  
Signature: J. W. M. MILLER  
Date: 9/9/02

RECEIVED  
SEP 19 2002  
TC 1700



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Gerard HOTIER et al.

Examiner: Ivars C. Cintins

Serial No.: 09/762,580

Group Art Unit: 1724

Filed: February 9, 2001

Title: SYSTEM FOR INJECTING A DIVERSIFIED FLUID IN A SIMULATED  
MOVING BED SEPARATION PROCESS

**REPLY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited  
with the U.S. Postal Services as First Class Mail in an envelope  
addressed To: Commissioner of Patents and Trademarks,  
Washington, D.C. 20231 On: 9/9/02  
Name: F. W. M. MILLEX  
Signature: [Signature]  
Date: 9/9/02

Sir:

In response to the office action dated June 7, 2002, please amend the above-identified  
application as follows:

**IN THE ABSTRACT**

The existing Abstract has been replaced with the attached Abstract of the Disclosure.

**IN THE CLAIMS:**

Please amend the claims as follows:

1. (Amended) A device for separating at least one compound from a mixture or a  
body by adsorption with a simulated moving bed, comprising at least:
- an enclosure or column comprising one or more adsorbent beds (Ai), two  
adsorbent beds being separated by at least one fluid distribution and extraction plate (Pi), the plate  
comprising one or more panels allowing distribution, mixing and/or extraction of the fluids, at  
least one panel comprising a single distribution, mixing and/or extraction chamber (Ci),